

Waschmaschine

Publication number: DE537758
Publication date: 1931-11-06
Inventor:
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Classification:
- international: *D06F21/10; D06F21/00;*
- European: D06F21/10
Application number: DED537758D 19301015
Priority number(s): DET537758D 19301015

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Washing machine

Description OF DE537758

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Waschmaschine With the well-known machines with trick wash drums distort itself those Pieces of laundry through the turn in the same direction of the drum to a zopf, so that the washing water cannot come closer only to a small part of the surface of the pieces of laundry and clean it consequently thoroughly. In addition these must be entrollt after taking out of the drum individually again, which means a substantial additional work. One already looked for a distorting of the pieces of laundry to avoid thereby to that one divided the drum no in the same direction turning, but trick a swinging or oscillating movement he, to which however a complicated at impulse and steering round device and strongly increased energy expenditure are necessary.

The invention solves the task, with wash machines also in a direction rotates the drum a distorting of the laundry of pieces to avoid. It goes out thereby with the washing machine also diagonally lying, equal sinnig swivelling water container, at whose inner wall a promotion wing is net angeord. The nature of the invention consists of the fact that the one edge of the promotion wing at the soil of the container runs as outside of the radius lying chord section and the free edge from the soil to the upper edge of drum rising against the direction of rotation in the same direction and the Trom melumfang is too bent. The invention article is not only opposite the well-known washing machines by the use of a swivelling in the same direction - drum more cheaply, simpler and more economical in the power required, but it it moeglicht also a more thorough flushing of the laundry and thus an increased Reini gungswirkung in the design is darge invention against stood in a remark example places, and shows Big. i a side view with profile by the wash drum, Fig. 2 a cut after the line A-A of the Fig. i and Fig. 3 a cut after the line b-b-that Fig. i.

One in a fussgestell i stored, diagonally lying axle 2 carries the soil 5 of a wash drum 4, which (by means of a crank 7 planned at the cover 6 of the drum) with a disk 3 or moto risch (over a Ge stored in the fussgestell i drove 8) University of the axle 2 be turned by hand can. A ordneter promotion wing 9 ange at the inner wall of the container invention runs in accordance with at the soil 5 of the drum q. in from the radial deviating direction and extends, rising from the soil, in, in their direction of rotation against set direction up to the upper Trom a melrand bent to the drum wall into the proximity of the container opening IO. Because only one promotion wing at the drum wall is intended, haelt nismaessig large free wash room, in which the laundry can spread well and is thoroughly flushed, remains sammenzuballen itself without. Becomes the drum, those for instance in the relationship z: i with detergent solution and laundry is filled, in the drawn situation beginning, in direction of arrow turned, so wegt the wing the laundry first by the liquid through downward; with now following upward motion Flue gel emerges this first with its point from liquid, whereby the laundry, by which carried detergent solution supports under, drops back gradually into the free wash room. It turns without ever nevertheless to be twisted. Meanwhile the broad lower part of the wing into the caustic solution and exerts on these on the front a pressure and on the back side still immerses a suction, which a wirbelbewegung of the liquid and thus a thorough Bespuelung entail _ the pieces of laundry. From reflecting the laundry of pieces and the caustic solution of the Trommelwan dung result turbulences, which still increase the rinsing effect.

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